



CONSTRUCTION EQUIPMENT

31694 - FRONT AXLE



Sample No: VCP428158
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP428158	---	---	---
Sample Date	16 Jul 2023	---	---	---
Machine Hours	9524	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

GREAT WEST EQUIPMENT
 1600 KOSMINA ROAD, 123 L&A CROSS RD
 VERNON, BC
 CA V1T 8T2
 Contact: Garry Beach
 gbeach@gwequipment.com
 T: (250)549-4232
 F: (250)549-3397



OIL CONDITION

Visc @ 40°C	cSt	■ 36.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 106	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2957	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1238	---	---	---
Phosphorus	ppm	1252	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	11	---	---	---

Diagnosis

We advise that you check for visible metal particles in the oil. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 10W Transmission/Drive Train Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Moderate concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MARVER
Unique No: 5607476
Signed: Kevin Marson
Report Date: 19 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

